WEST Search History

Hide Items | Restore | Clear | Cancel

DATE: Monday, January 05, 2004

Hide?	Set Name	Query	Hit Count
		DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR	
☐	L4	L3 and acupuncture	8
☐	L3	(hernia or spin$5 with compression) same (relax$5 ro release or decompress$5 or paraly$5 or botox or botul$5)	692
☐	L2	(spin$3 with compression or hernia) same (intrinsic or deep adj spin$3 or multifidud or rotator)	38
☐	L1	(spin$3 with compression or hernia) and (intrinsic or deep adj spin$3 or multifidud or rotator)	581

END OF SEARCH HISTORY

STN

FILE 'HOME' ENTERED AT 08:38:16 ON 05 JAN 2004

L1 QUE (HERNIA OR COMPRESSION) AND (PARASPINAL OR INTRINSIC (A) MUSCL## OR DEEP (A) SPIN## (3A) MUSCL## OR MUTLIFIDUS OR ROTAT## (S) MUSCL##)

L10 10 L8 AND (HERNIA OR COMPRESS###) (P) (RELAX#### OR DECOMPRESS#### OR PARALY###### OR RELEASE)

L11 325 L1 AND (HERNIA OR COMPRESSION) (S) (PARASPINAL OR INTRINSIC (A) MUSCL## OR DEEP (A) SPIN## (3A) MUSCL## OR MUTLIFIDUS OR ROTAT## (S) MUSCL##)

(FILE 'HOME' ENTERED AT 08:38:16 ON 05 JAN 2004)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DISSABS, DDFB, DDFU, DGENE, DRUGB, DRUGMONOG2, ...' ENTERED AT 08:38:43 ON 05 JAN 2004

SEA (HERNIA OR COMPRESSION) AND (PARASPINAL OR INTRINSIC (A) MU

1	FILE AQUASCI
85	FILE BIOSIS
1	FILE BIOTECHABS
1	FILE BIOTECHDS
2	FILE BIOTECHNO
5	FILE CABA
56	FILE CANCERLIT
5	FILE CAPLUS
4	FILE DISSABS
3	FILE DRUGU
1	FILE EMBAL
233	FILE EMBASE
17	FILE ESBIOBASE
1*	FILE FEDRIP
1	FILE HEALSAFE
16	FILE IFIPAT
21	FILE JICST-EPLUS
2	FILE LIFESCI
171	FILE MEDLINE
6	FILE NIOSHTIC
72	FILE PASCAL
5	FILE PROMT
108	FILE SCISEARCH
8	FILE TOXCENTER
590	FILE USPATFULL
29	FILE USPAT2
11	FILE WPIDS
11	FILE WPINDEX
1	FILE DIOGENES

L1 QUE (HERNIA OR COMPRESSION) AND (PARASPINAL OR INTRINSIC (A) MU

FILE 'MEDLINE, PASCAL, BIOSIS, EMBASE, SCISEARCH' ENTERED AT 08:42:47 ON 05 JAN 2004

L2 669 S L1

L3 126 S L2 AND (MULTIFIDUS OR ROTAT###) (S) MUSCLE

L4 1 S L3 AND (BOTOX OR BOTUL######)

L5 106 S L3 NOT PY>2002

L6	69	DUP REM L3 (57 DUPLICATES REMOVED)
L7	1	S L5 AND L4
L8	58	S L5 AND L6
L9	51	S L8 AND (RELAX#### OR COMPRESS#### OR PARALY###### OR RELEASE
L10	10	S L8 AND (HERNIA OR COMPRESS###) (P) (RELAX#### OR DECOMPRESS#
L11	325	S L1 AND (HERNIA OR COMPRESSION) (S) (PARASPINAL OR INTRINSIC (
L12	35	S L11 AND L8
L13	26	S L12 NOT L10
L14	10	S L13 AND (BOTOX OR ROTATOR OR MULTIFIDUS OR BOTUL####)

L14 ANSWER 2 OF 10 MEDLINE on STN
AN 2000125869 MEDLINE
DN 20125869 PubMed ID: 10657162
TI Correlation between the MRI changes in the lumbar **multifidus** **muscles** and leg pain.
AU Kader D F; Wardlaw D; Smith F W
CS Department of Radiology, Woodend Hospital, Eday Road, Aberdeen, AB15 6XS, U.K.
SO CLINICAL RADIOLOGY, (2000 Feb) 55 (2) 145-9.
Journal code: 1306016. ISSN: 0009-9260.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200003
ED Entered STN: 20000407
Last Updated on STN: 20000407
Entered Medline: 20000330
AB AIM: In the assessment of the lumbar spine by magnetic resonance imaging (MRI), changes in the **paraspinal** muscles are frequently overlooked. In this study, our objective was to investigate the relationships between lumbar **multifidus** (MF) **muscle** atrophy and low back pain (LBP), leg pain and intevertebral disc degeneration. METHODS: A retrospective study of 78 patients (aged 17-72) with LBP presenting with back pain with or without associated leg pain was undertaken. Their MR images were visually analysed for signs of lumbar MF muscle atrophy, disc degeneration and nerve root **compression**. The clinical history in each case was obtained from their case notes and pain drawing charts. RESULTS: MF muscle atrophy was present in 80% of the patients with LBP. The correlation between MF muscle atrophy and leg pain was found to be significant ($P < 0.01$). However, the relationships between muscle atrophy and radiculopathy symptoms, nerve root **compression**, herniated nucleus pulposus and number of degenerated discs were statistically not significant.CONCLUSION: Examination of the **paraspinal** muscles looking for atrophy of MF muscle should be considered when assessing MR images of lumbar spine. This may explain the referred leg pain in the absence of other MR abnormalities.